



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12031506
SAU: MSAD 09
School: Mt Blue Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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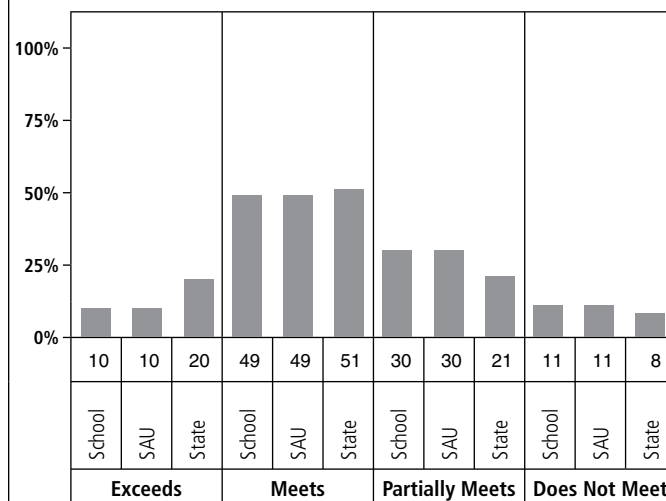
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

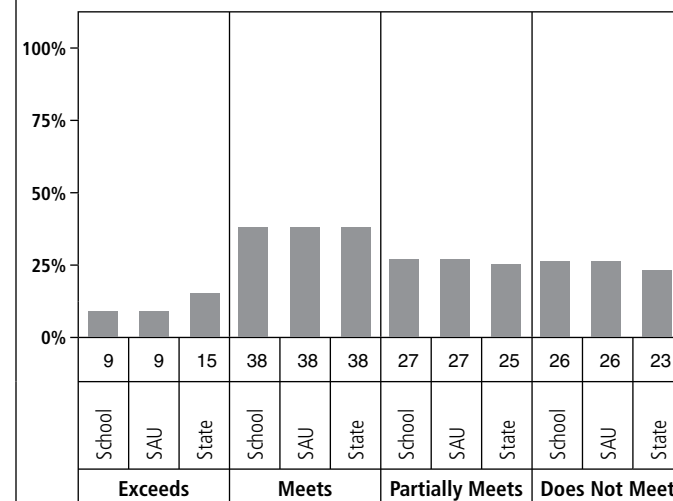
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	847	847	847
2007–2008	847	847	849
2008–2009	846	846	850
Cum. Avg.*	847	847	849
Mathematics			
2006–2007	842	842	842
2007–2008	841	841	841
2008–2009	840	840	843
Cum. Avg.*	841	841	842
Science			
2008–2009 **	843	843	846

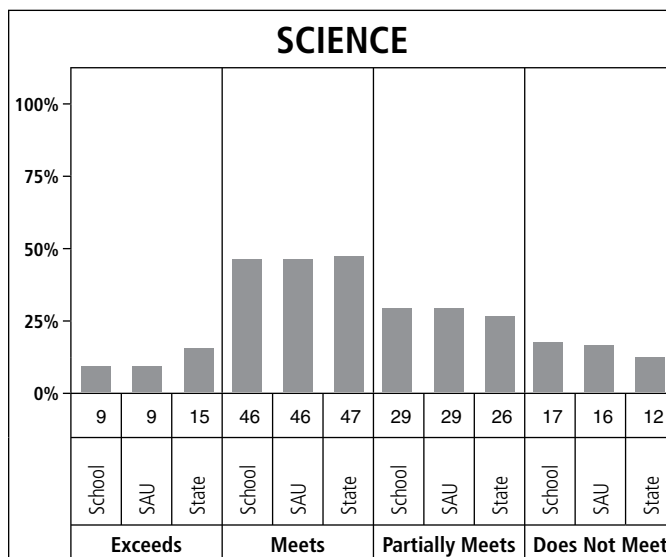
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 8
 SAU: MSAD 09
 School: Mt Blue Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
							School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	173	100	172	100	14804	100	171	99	170	99	14659	99	171	99	170	99	14653	99	171	99	170	99	14626	99
Ethnicity African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	2	1	2	1	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	3	2	3	2	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	166	96	165	96	13878	94	164	99	163	99	13756	99	164	99	163	99	13742	99	164	99	163	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	20	12	19	11	2489	17	18	95	17	94	2434	99	18	95	17	94	2424	98	18	95	17	94	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	76	44	76	44	5460	37	75	99	75	99	5380	99	75	99	75	99	5377	99	75	99	75	99	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	152	88	152	88	12132	82	152	88	152	88	12124	82	152	88	152	88	12169	82
Identified disability (PET/IEP)	0	0	0	0	379	3	0	0	0	0	380	3	0	0	0	0	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	3	2	3	2	200	2	3	2	3	2	200	2	3	2	3	2	202	2
Participation with accommodations	17	10	16	9	2349	16	17	10	16	9	2347	16	17	10	16	9	2288	15
Identified disability (PET/IEP)	16	94	15	94	1877	80	16	94	15	94	1862	79	16	94	15	94	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	1	6	1	6	292	12	1	6	1	6	297	13	1	6	1	6	280	12
Participation through alternate assessment (PAAP)	2	1	2	1	178	1	2	1	2	1	182	1	2	1	2	1	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	1	32	0	1	1	1	1	34	0	1	1	1	1	38	0
Non-participation – other	1	1	1	1	113	1	1	1	1	1	117	1	1	1	1	1	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	26	13	26	13	2407	16
	2007-2008	30	17	30	17	3428	23
	2008-2009	17	10	17	10	2857	20
	Cum. Total*	73	13	73	13	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	106	53	105	53	7494	49
	2007-2008	87	48	86	48	7179	48
	2008-2009	82	49	82	49	7431	51
	Cum. Total*	275	50	273	50	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	39	19	39	20	3628	24
	2007-2008	43	24	42	23	2706	18
	2008-2009	51	30	50	30	2979	21
	Cum. Total*	133	24	131	24	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	30	15	30	15	1810	12
	2007-2008	21	12	21	12	1611	11
	2008-2009	19	11	19	11	1214	8
	Cum. Total*	70	13	70	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.8	58.6	32.9	58.8	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.5	57.5	11.5	57.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.4	59.4	21.4	59.4	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 09
 School: Mt Blue Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	169	17	10	82	49	51	30	19	11	846	168	10	49	30	11	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	162	17	10	77	48	49	30	19	12	846	161	11	48	30	12	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	16	1	6	2	13	5	31	8	50	832	15	7	13	27	53	832	2256	2	25	40	34	834
No	153	16	10	80	52	46	30	11	7	847	153	10	52	30	7	847	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	169	17	10	82	49	51	30	19	11	846	168	10	49	30	11	846	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	74	6	8	27	36	28	38	13	18	842	74	8	36	38	18	842	5277	10	46	29	15	844
No	95	11	12	55	58	23	24	6	6	849	94	12	59	23	6	849	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	169	17	10	82	49	51	30	19	11	846	168	10	49	30	11	846	14476	20	51	21	8	850
Gender																						
Female	79	13	16	42	53	18	23	6	8	850	79	16	53	23	8	850	7074	25	51	18	6	852
Male	90	4	4	40	44	33	37	13	14	843	89	4	45	36	15	843	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	0	0	3	21	9	64	2	14	836	14	0	21	64	14	836	857	9	43	35	14	843
No	155	17	11	79	51	42	27	17	11	847	154	11	51	27	11	847	13624	20	52	20	8	850
Gifted/talented program																						
Yes	9	3	33	6	67	0	0	0	0	864	9	33	67	0	0	864	700	69	30	1	0	867
No	160	14	9	76	48	51	32	19	12	845	159	9	48	31	12	845	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	0	0	8	44	5	28	5	28	839	10	0	47	24	29	839	8	8	39	29	24	841
B. less than one hour	71	15	13	60	50	35	29	10	8	847	71	13	50	29	8	847	51	17	53	22	8	849
C. one to two hours	15	2	8	13	50	7	27	4	15	845	15	8	50	27	15	845	36	24	52	18	5	852
D. more than two hours	3	0	0	1	20	4	80	0	0	840	3	0	20	80	0	840	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	36	12	20	33	54	9	15	7	11	851	36	20	55	13	12	851	31	35	50	11	4	856
B. good	43	5	7	34	47	27	37	7	10	845	43	7	47	37	10	845	47	16	55	21	7	849
C. fair	18	0	0	15	48	12	39	4	13	842	18	0	48	39	13	842	18	5	47	33	15	842
D. poor	2	0	0	0	0	3	75	1	25	830	2	0	0	75	25	830	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	27	6	13	22	49	9	20	8	18	846	27	13	49	20	18	846	32	27	54	14	5	853
B. They match some of what I have learned.	47	10	13	45	56	22	28	3	4	849	47	13	57	27	4	849	52	18	53	22	8	850
C. They match just a little of what I have learned.	20	1	3	11	33	17	52	4	12	841	20	3	33	52	12	841	12	11	45	29	15	844
D. There is no match.	7	0	0	4	36	3	27	4	36	836	7	0	36	27	36	836	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	19	3	9	12	38	11	34	6	19	843	19	9	38	34	19	843	15	13	42	28	17	844
B. about the same as my regular schoolwork	59	8	8	49	50	31	32	10	10	846	59	8	51	31	10	846	64	19	53	20	7	850
C. easier than my regular schoolwork	22	6	17	19	53	9	25	2	6	849	22	17	53	25	6	849	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	15	0	0	7	28	11	44	7	28	837	15	0	28	44	28	837	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	43	4	6	29	41	30	42	8	11	842	43	6	41	41	11	842	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	41	12	18	43	63	10	15	3	4	853	42	18	63	15	4	853	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	28	3	7	25	54	13	28	5	11	847	28	7	54	28	11	847	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	63	13	13	51	49	30	29	10	10	846	63	13	50	28	10	846	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	9	1	7	4	27	7	47	3	20	841	9	7	27	47	20	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	23	6	15	23	59	5	13	5	13	851	23	15	59	13	13	851	19	26	53	15	6	853
B. 20 minutes to an hour	23	6	15	18	46	13	33	2	5	849	23	16	47	32	5	849	40	25	52	17	6	852
C. less than 20 minutes	14	4	17	11	48	6	26	2	9	848	14	17	48	26	9	848	15	18	51	21	10	849
D. I rarely read at home.	40	1	1	30	44	27	40	10	15	841	40	1	44	40	15	841	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	33	9	16	27	49	13	24	6	11	848	33	16	49	24	11	848	42	27	51	15	6	853
B. agree	56	8	9	47	50	30	32	9	10	845	55	9	51	31	10	846	50	15	53	23	9	848
C. disagree	8	0	0	8	62	3	23	2	15	846	8	0	62	23	15	846	7	8	46	32	14	843
D. strongly disagree	4	0	0	0	0	5	71	2	29	831	4	0	0	71	29	831	2	6	39	35	21	840
Optional school/SAU question																						
A.	36	0	0	2	50	1	25	1	25	841	36	0	50	25	25	841						
B.	27	0	0	1	33	1	33	1	33	835	27	0	33	33	33	835						
C.	18	0	0	0	0	1	50	1	50	827	18	0	0	50	50	827						
D.	18	0	0	0	0	2	100	0	0	840	18	0	0	100	0	840						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	24	12	24	12	1952	13
	2007-2008	18	10	17	9	1657	11
	2008-2009	15	9	15	9	2116	15
	Cum. Total*	57	10	56	10	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	79	39	78	39	5870	38
	2007-2008	67	37	66	37	5956	40
	2008-2009	64	38	64	38	5443	38
	Cum. Total*	210	38	208	38	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	51	25	51	26	3982	26
	2007-2008	59	33	59	33	3729	25
	2008-2009	46	27	46	27	3556	25
	Cum. Total*	156	28	156	29	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	47	23	47	24	3534	23
	2007-2008	37	20	37	21	3579	24
	2008-2009	44	26	43	26	3356	23
	Cum. Total*	128	23	127	23	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	26.7	47.7	26.8	47.9	28.6	51.1
A. Number	8	14	3.3	41.3	3.3	41.3	3.7	46.3
B. Data	16	29	9.0	56.3	9.0	56.3	8.9	55.6
C. Geometry	12	21	4.9	40.8	4.9	40.8	5.0	41.7
D. Algebra	20	36	9.5	47.5	9.5	47.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 09
 School: Mt Blue Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	169	15	9	64	38	46	27	44	26	840	168	9	38	27	26	840	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	162	15	9	59	36	45	28	43	27	839	161	9	37	28	26	840	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	16	1	6	3	19	3	19	9	56	828	15	7	20	20	53	830	2242	2	12	22	63	824
No	153	14	9	61	40	43	28	35	23	841	153	9	40	28	23	841	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	169	15	9	64	38	46	27	44	26	840	168	9	38	27	26	840	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	74	4	5	30	41	19	26	21	28	838	74	5	41	26	28	838	5270	6	30	28	36	835
No	95	11	12	34	36	27	28	23	24	841	94	12	36	29	23	841	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	169	15	9	64	38	46	27	44	26	840	168	9	38	27	26	840	14466	15	38	25	23	843
Gender																						
Female	79	7	9	34	43	20	25	18	23	842	79	9	43	25	23	842	7070	15	39	25	22	843
Male	90	8	9	30	33	26	29	26	29	838	89	9	34	29	28	838	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	0	0	2	14	4	29	8	57	827	14	0	14	29	57	827	857	5	25	33	37	835
No	155	15	10	62	40	42	27	36	23	841	154	10	40	27	23	841	13614	15	38	24	22	843
Gifted/talented program																						
Yes	9	8	89	1	11	0	0	0	0	868	9	89	11	0	0	868	700	68	27	3	1	866
No	160	7	4	63	39	46	29	44	28	838	159	4	40	29	27	838	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	2	11	3	17	6	33	7	39	831	10	12	18	35	35	833	8	8	24	24	44	833
B. less than one hour	71	11	9	51	43	34	28	24	20	842	71	9	43	28	20	842	51	12	38	26	23	842
C. one to two hours	15	2	8	8	31	5	19	11	42	836	15	8	31	19	42	836	36	19	40	23	19	845
D. more than two hours	3	0	0	2	40	1	20	2	40	832	3	0	40	20	40	832	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	36	13	22	25	42	14	23	8	13	848	36	22	42	23	13	848	28	33	41	15	11	852
B. good	42	2	3	22	32	26	38	19	28	836	41	3	32	38	26	837	45	11	43	25	21	842
C. fair	17	0	0	13	45	5	17	11	38	835	18	0	45	17	38	835	21	3	27	35	35	834
D. poor	5	0	0	2	25	1	13	5	63	824	5	0	25	13	63	824	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	23	4	10	20	51	12	31	3	8	846	23	10	51	31	8	846	28	23	41	21	15	848
B. They match some of what I have learned.	54	9	10	36	40	23	25	23	25	841	54	10	40	25	25	841	52	13	40	25	21	843
C. They match just a little of what I have learned.	16	2	7	5	19	9	33	11	41	833	15	8	19	35	38	834	16	8	28	30	34	836
D. There is no match.	7	0	0	3	25	2	17	7	58	826	7	0	25	17	58	826	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	28	2	4	18	40	13	29	12	27	838	28	5	41	30	25	839	32	6	34	29	32	837
B. about the same as my regular schoolwork	56	6	7	34	38	29	32	21	23	839	56	7	38	32	23	839	52	13	41	25	20	843
C. easier than my regular schoolwork	16	5	19	12	46	3	12	6	23	847	16	19	46	12	23	847	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	7	11	22	35	19	31	14	23	840	39	11	35	31	23	840	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	51	4	5	32	40	27	33	18	22	840	52	5	40	33	22	840	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	9	1	7	6	40	0	0	8	53	834	9	7	43	0	50	836	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	20	4	12	12	36	9	27	8	24	841	20	12	36	27	24	841	34	18	40	22	20	845
B. two or three days a week	30	7	14	19	37	11	22	14	27	841	30	14	37	22	27	841	35	14	38	26	21	843
C. two or three times each month	34	2	3	21	36	17	29	18	31	838	35	3	36	29	31	838	18	12	37	27	24	841
D. never or almost never	16	2	7	12	44	9	33	4	15	841	15	8	46	35	12	842	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	5	0	0	3	33	1	11	5	56	827	5	0	33	11	56	827	9	13	38	23	26	841
B. two or three days a week	12	0	0	3	15	5	25	12	60	828	12	0	15	25	60	828	17	11	37	26	26	841
C. two or three times each month	25	2	5	18	42	13	30	10	23	839	26	5	42	30	23	839	28	15	40	25	20	844
D. never or almost never	57	13	13	40	41	27	28	17	18	844	57	14	42	28	17	844	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	44	9	12	28	38	20	27	17	23	842	44	12	38	27	23	842	52	19	41	22	18	846
B. agree	41	5	7	27	39	20	29	18	26	839	41	7	39	29	25	840	39	11	35	27	27	840
C. disagree	9	1	7	6	40	4	27	4	27	838	9	7	40	27	27	838	6	7	28	26	39	835
D. strongly disagree	6	0	0	3	30	2	20	5	50	829	6	0	30	20	50	829	3	4	25	28	43	832
Optional school/SAU question																						
A.	36	0	0	2	50	0	0	2	50	832	36	0	50	0	50	832						
B.	27	1	33	0	0	0	0	2	67	833	27	33	0	0	67	833						
C.	18	0	0	0	0	0	0	2	100	819	18	0	0	0	100	819						
D.	18	0	0	1	50	1	50	0	0	844	18	0	50	50	0	844						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	15	9	15	9	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	77	46	77	46	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	49	29	49	29	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	28	17	27	16	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	30.1	53.8	30.2	53.9	32.0	57.1
D. The Physical Setting	31	55	15.9	51.3	16.0	51.6	17.1	55.2
D1/D2 Earth/Space	17	30	8.6	50.6	8.6	50.6	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	7.3	52.1	7.3	52.1	7.7	55.0
E. The Living Environment	25	45	14.2	56.8	14.2	56.8	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	169	15	9	77	46	49	29	28	17	843	168	9	46	29	16	843	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	162	14	9	72	44	48	30	28	17	842	161	9	45	30	17	843	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	16	0	0	4	25	5	31	7	44	830	15	0	27	33	40	832	2221	3	22	36	38	832
No	153	15	10	73	48	44	29	21	14	844	153	10	48	29	14	844	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	169	15	9	77	46	49	29	28	17	843	168	9	46	29	16	843	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	74	4	5	31	42	23	31	16	22	840	74	5	42	31	22	840	5184	6	40	33	21	840
No	95	11	12	46	48	26	27	12	13	845	94	12	49	28	12	846	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	169	15	9	77	46	49	29	28	17	843	168	9	46	29	16	843	14258	15	47	26	12	846
Gender																						
Female	79	10	13	34	43	23	29	12	15	844	79	13	43	29	15	844	6953	14	47	28	11	846
Male	90	5	6	43	48	26	29	16	18	841	89	6	48	29	17	842	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	0	0	1	7	11	79	2	14	833	14	0	7	79	14	833	828	5	35	40	20	839
No	155	15	10	76	49	38	25	26	17	844	154	10	49	25	16	844	13435	16	48	25	12	846
Gifted/talented program																						
Yes	9	6	67	3	33	0	0	0	0	864	9	67	33	0	0	864	699	65	34	2	0	865
No	160	9	6	74	46	49	31	28	18	842	159	6	47	31	17	842	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 09
School: Mt Blue Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	0	0	9	50	3	17	6	33	835	10	0	53	18	29	836	8	8	34	28	30	837
B. less than one hour	71	12	10	57	48	36	30	15	13	844	71	10	48	30	13	844	51	14	48	27	11	846
C. one to two hours	15	3	12	10	38	8	31	5	19	843	15	12	38	31	19	843	36	19	48	24	9	848
D. more than two hours	3	0	0	1	20	2	40	2	40	836	3	0	20	40	40	836	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	19	3	9	16	50	8	25	5	16	843	18	10	52	26	13	845	23	27	47	17	8	851
B. good	62	11	10	49	47	32	30	13	12	845	63	10	47	30	12	845	53	15	50	26	10	847
C. fair	16	1	4	12	44	8	30	6	22	839	16	4	44	30	22	839	20	4	43	35	18	840
D. poor	3	0	0	0	0	1	20	4	80	822	3	0	0	20	80	822	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	18	3	10	18	60	7	23	2	7	847	18	10	60	23	7	847	26	20	49	23	9	849
B. They match some of what I have learned.	58	11	11	43	44	30	31	14	14	844	58	11	44	31	13	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	18	1	3	15	48	10	32	5	16	841	19	3	48	32	16	841	18	13	44	28	15	844
D. There is no match.	5	0	0	1	11	2	22	6	67	821	5	0	11	22	67	821	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	37	6	10	31	53	13	22	9	15	844	37	10	53	22	15	844	32	13	45	28	14	844
B. about the same as my regular schoolwork	55	7	8	38	43	29	33	14	16	842	55	8	44	33	15	843	56	15	49	25	11	847
C. easier than my regular schoolwork	8	0	0	6	46	3	23	4	31	839	8	0	46	23	31	839	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	31	4	8	24	49	15	31	6	12	844	31	8	49	31	12	844	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	61	9	9	46	47	27	28	15	15	843	60	9	48	28	15	843	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	9	0	0	4	29	6	43	4	29	835	9	0	29	43	29	835	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	27	4	9	19	41	16	35	7	15	842	28	9	41	35	15	842	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	26	4	9	18	42	10	23	11	26	841	26	9	42	23	26	841	23	17	49	22	12	847
C. the course(s) described in B, plus physics	24	4	10	26	63	8	20	3	7	847	25	10	63	20	7	847	21	31	44	17	7	852
D. a life science and physical science class	23	3	8	13	34	15	39	7	18	840	22	8	35	41	16	841	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	21	5	14	16	44	8	22	7	19	845	21	14	44	22	19	845	27	23	47	20	10	849
B. agree	44	8	11	26	35	27	36	14	19	841	44	11	35	36	18	842	37	14	47	27	12	846
C. disagree	24	2	5	25	61	10	24	4	10	844	24	5	61	24	10	844	25	11	48	29	12	845
D. strongly disagree	10	0	0	10	59	4	24	3	18	840	10	0	59	24	18	840	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	30	4	8	24	47	13	25	10	20	843	30	8	47	25	20	843	31	22	46	22	10	849
B. agree	49	10	12	35	42	27	33	11	13	843	49	12	43	33	12	844	50	14	49	26	11	846
C. disagree	14	1	4	13	54	5	21	5	21	842	14	4	54	21	21	842	14	9	45	31	15	843
D. strongly disagree	7	0	0	5	45	4	36	2	18	840	7	0	45	36	18	840	5	3	38	34	25	837
Optional school/SAU question																						
A.	36	0	0	1	25	2	50	1	25	835	36	0	25	50	25	835						
B.	27	0	0	1	33	0	0	2	67	831	27	0	33	0	67	831						
C.	18	0	0	0	0	1	50	1	50	818	18	0	0	50	50	818						
D.	18	0	0	0	0	2	100	0	0	834	18	0	0	100	0	834						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number